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सं० २५]

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No. 25]

NEW DELHI, SATURDAY, JUNE 19, 1971 (JYAISTHA 29, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड २

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अभिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 19th June 1971

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

29th May 1971

131530. Eisenwerk-Gesellschaft Maximilianshutte m.b.H. Improvements in processes and apparatus for making steel.
131531. Dunlop Holdings Limited. Improvements in toothed belts.
131532. Dunlop Holdings Limited. Pneumatic tyres. (3rd June, 1970).
131533. Simms Motor Units Limited. Liquid fuel injection pumping apparatus. (30th May, 1970).
131534. Joseph Lucas (Industries) Limited. Electrical switches. (18th July 1970).
131535. Dunbeath Holdings Ptv. Limited. Roller and method of making same.
131536. Stamicarbon N. V. Process and apparatus for the recovery of ammonia and carbon dioxide from the tail gas of a urea synthesis.
131537. Miller Printing Machinery Co. Apparatus for controlling both axial and circumferential register of a plate cylinder. (May, 1971).
131538. Henry Sykes Limited. Improvements in or relating to wellpoints for de-watering ground. (1st June 1970).
131539. Stauffer Chemical Company. Hydraulic fluids containing certain quaternary phosphonium salts of phosphorus acids.

L117GI/71

131540. Varta Aktiengesellschaft. Multiple container for polycellular accumulator.

131541. Metallgesellschaft A. G. and The Steel Company of Canada, Ltd. Improved continuous charging of an electric arc steel making furnace. [Addition to No. 123673].

131542. E. I. du Pont de Nemours and Company. Pesticidal formulations.

31st May 1971

131543. S. V. V. T. Thiruppathy. Thangam Jarkless and collapsible head-long cot.

131544. Societe Pour La Recherche Et Le Developement Technologique S. A. Circular knitting of hook and loop fastener elements.

131545. Halcon International, Inc. Process for preparing glycol esters from olefinically unsaturated compounds.

131546. Dunlop Holdings Limited. Tyre mould.

131547. C. A. N. D'Silva. Flat paper file with a 'mini-platen.

131548. Rca Corporation. Improved contact structure for semiconductor devices.

131549. Rca Corporation. Insulated gate field-effect transistor with variable gain.

131550. G. D. Iyer. Antistatic and durable softening agent.

131551. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble metal complex disazo dyestuffs and process for their preparation.

131552. Farbwerke Hoechst Aktengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of acyl acetic acid aryl amides.

131553. Ralston Purina Company. Food preservation.

131554. Allen & Hanburys Limited. Preparation of phenylaminoethanols. (2nd June 1970).

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131555. Sandoz Ltd. Process for the resin finishing of cellulosic fabrics and cellulosic blend fabrics with simultaneous improvement of their affinity of optical brighteners.
131556. Walchandnagar Industries Limited. Jyoti Prasad Mukherjee. Improvements in or relating to scrapers for discharging material retained inside centrifugal baskets.
131557. International Nickel Limited. Improvements relating to magnetostrictive apparatus and method.
131558. B. Singh. An improved device for testing prime movers, torque converters, transmission equipment and the like and method of such testing.
131559. B. F. Dadabhoy. Improvements in or relating to floating pumps and the like.

1st June 1971

131560. Stanadync, Inc. Disposable filter cartridges.
131561. Hajtomu Es Felvonogyar. Process and apparatus for electrostatically spraying colorants, powders, fibrous materials or the like.
131562. Kalle Aktiengesellschaft. Improvements in and relating to photopolymerizable copying compositions.

2nd June 1971

131563. Glaverbel. Apparatus for bending sheet material. (2nd June 1970).
131564. Uss Engineers and Consultants, Inc. Method of making rimstabilized steel ingots.
131565. Girling Limited. Improvements relating to disc brakes. (2nd June 1970).
131566. British Industrial Plastics Limited. Control system for automatic machines. (18th July 1970).
131567. R. Enya. A device and a method for making calcium carbide.
131568. Grupul Industrial De Chimie Tirnaveni. Process for manufacturing powdery and granulated aluminium sulphate.
131569. Euclid Inc. Exhaust system for a load dumping vehicle.
131570. S. S. J. Bahadur and Mrs. Hansa Bahadur. Improvements in or relating to windmills.
131571. Pilkington Brothers Limited. Improvements in or relating to the manufacture of float glass. (4th June 1970).
131572. Freya-Plastic Franz Delbrouck 'G.m.b.H. A stackable transportation crate.

3rd June 1971

131573. Ciba-Geigy AG. Air pressure operated dispenser.
131574. Ciba-Geigy AG. Product dispenser.
131575. Ciba-Geigy AG. Dyestuff preparations soluble in cold water.
131576. The Dow Chemical Company. Hydration of nitriles to amides using heterogeneous cupreous catalysts.
131577. R. J. Reynolds Tobacco Company. Process for converting nitriles to amides.
131578. Fibreglass Limited. Improvements in or relating to the production of glass fibres. (9th June 1970).
131579. 1. S. V. Padmanabhan, 2. T. B. Lakshmanachari and 3. P. B. Auti. An electronic high-speed and fail-safe latched relay.
131580. 1. S. V. Padmanabhan, 2. T. B. Lakshmanachari and 3. P. B. Auti. An improved automatic train warning/train stop/train control system.

131581. 1. S. V. Padmanabhan, 2. T. B. Lakshmanachari and 3. P. B. Auti. An inductive vehicle detection system.
131582. V. K. Arora. A machine for cleaning of spark plugs.
131583. Standard Telephones and Cables Limited. Cables. (30th June 1970).
131584. Rederiaktiebolaget Nordstjärnan. Process for the production of tungsten powder.
131585. N. V. Philips' Gloeilampenfabrieken. Amplifier arrangement. (5th June 1970).
131586. Mail Order Sales Private Limited. Improvements in or relating to insect traps.
131587. A. C. Padamsee. An ornamental device for containers.
131588. Gulamhusein Ahmedally & Company. An improved drafting table.

4th June 1971

131589. Council of Scientific and Industrial Research. Thread counter microscope-type.
131590. Mrs. Nargis Samy Engineer. Improvement in and relating to ball valves, conical valves, and the like.
131591. Imperial Chemical Industries Limited. Improved method for the preparation of thickened slurry explosives. (19th June 1970).
131592. Imperial Chemical Industries Limited. Monoazo dyestuffs. (22nd June 1970).
131593. Colgate-Palmolive Company. Dentifrices.
131594. Ciba-Geigy AG. New disazo pigments and processes for their manufacture.
131595. Kores (India) Limited. Improvements in electrostatic copying methods and apparatus.
131596. Hindustan Lever Limited. Preparation of instant tea.
131597. Amada Company Limited. Punch press provided with an improved equipment.
131598. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Pharmaceutical compositions.
131599. L. Giaudan & Cie Societe Anonyme. Novel odorants.
131600. Bunker-Ramo Corporation. Improvements in electric contacts.
131601. A. Tanaka. Press-on and split-off type fastener and device for its manufacture. (29th December 1970).
131602. Emhart Corporation. Article inspection by successively televised images.
131603. Hindustan Miscellaneous Enterprises. A method for reconditioning cracked and/or rejected ingot moulds and slag pots.
131604. N. V. Philips Gloeilampenfabrieken. Method of manufacturing magnet cores consisting of a soft-magnetic ferrite and magnet cores manufactured by this method.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of

printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

122920. A Braun, Balanced unsymmetrical free piston engine. Accepted on 22nd May 1971.

Having two oppositely movable assemblies, only one of which is a power assembly, the movement of the two assemblies being synchronized and the engine being balanced by a synchronizer-balancing device.

122928. Ajanta Farm Machinery Company. Contour marker. Accepted on 27th May 1971.

Comprising a pair of containers connected to each other by a flexible tube, a graduated scale in each container, cocks at the tops of the containers bottoms of each container being a bend, said tube being connected to said bends.

122940. J. M. Patel and P. B. Panchal. A multipurpose grinding mill. Accepted on 28th May 1971.

Comprising stationary and movable members fitted with biasing means and control means having pressure adjustment arm and lever with thread pin and which rests on a fulcrum plate.

122974. M & T Chemicals Inc. Process of making cellulosic polymethane and catalytic composition suitable for use in such process. Accepted on 30th May 1971.

Comprising carrying out the reaction in presence of a blowing catalyst and get catalyst the blowing catalyst being a mixture of antimony compound, a base and a nitrogen containing organic compound.

123062. Monsanto Company. Phosphorodithioates, process for the preparation thereof and insecticidal composition containing the same. Accepted on 28th May 1971.

Reacting 2-Chloro-2'-6'-diethylacetanilide with ammonium 0, 0-diethyldithiophosphate.

123070. Glaxo Laboratories Limited. Process for the preparation of an α -amylase and dextrinisation of starch by said α -amylase. (9th September 1968). Accepted on 3rd June 1971.

Comprises submerged aerobic culture of an α -amylase producing strain of B. coagulans in a nutrient medium.

123134. Danfoss A/S. Starting switch means for a single-phase motor. Accepted on 4th June 1971.

Yoke of the magnet system operating the switch is made of a material that loses its magnetic conductivity upon being heated; and the said yoke can be heated by a P.T.C. resistor which is connected in parallel with the switch and a resistor series connection.

123192. North American Rockwell Corporation. Brake structure. Accepted on 2nd June 1971.

Comprising barake shoe, actuator member having shoe adjustment mechanism having tooth peripheral portion retainer having slotted portion and opposed arms bent to form U-shaped clips.

123443. A. R. MacDonald. Improvements in window ventilators. Accepted on 2nd June 1971.

Comprising a sheet of transparent material provided with a plurality of ventilation holes disposed at an angle through the sheet, the axes of the holes rising from outside to inside of the sheet relative to its fitting in a window frame.

123566. Hooker Chemical Corporation. Plant growth stimulating solution and process for preparing the same. Accepted on 27th May 1971.

Comprises mixing lower alkyl alcohols with water, placing plants or a soil in the said solution and then removing them when no free alcohol is detectable.

123580. Egyesult Izzolampa Es Villamossagi Reszvenytarsasag. Process of filling discharge tubes constructed without exhaust tube. Accepted on 27th May 1971.

Wherein an electrode or electrode fixed with a metal capsule containing a reaction mixture are introduced into a cap, the cap being sealed with a bulb and heating the mixture to liberate metal vapour.

123671. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Stable liquid dispersions of basic dyestuffs. Accepted on 31st May 1971.

Comprising dispersing the dye in a medium selected from water soluble polyhydric alcohols, the ethers thereof or water soluble polyethers.

124076. Venusami Rajagopal. Process for dyeing or printing fibres or fabrics with mordant dyes. Accepted on 29th May 1971.

Wherein the first stage of the process namely, treating with sulfonated vegetable oil is carried out by adding silicate of soda to said oil, where after the subsequent stages are also carried out by adding silicate of soda to the metallic salt or the dye respectively.

124115. Montecatini Edison S.p.A. Catalysts for the polymerization of olefins, process for the preparation thereof and polymerisation of olefins with such catalysts. Accepted on 20th May 1971.

Process characterized in reacting, a product obtained by putting into contact a Ti or V tri or dihalide with an anhydrous Mg or Zn halide in an active foam, with a hydride or metal-organic compound of the metal of I, II or III Group of the periodic system.

124199. United States Atomic Energy Commission. A photometric solution Analyzer provided with a simultaneous stable pulse display. Accepted on 27th May 1971.

Electronic system including a voltage-generating tachometer a series connected resistor, operational amplifier, connection means to oscilloscope, a gate circuit and means for supplying gating pulse to the gate circuit.

124208. The British Petroleum Company Limited. A lubricating composition. (6th December 1968). Accepted on 24th May 1971.

A lubricating composition which comprises a lubricating base oil and a lipid extract.

124220. Manufacture Quenot Mabo. A folding measuring rule. Accepted on 28th May 1971.

Wherein each pair of adjacent limbs is pivotally hinged by a hinge and rivet, each hinge including a resilient locking element having at least one project out of the plane of the rule and one of the limbs of the rule having at least one depression into which the projection is engageable when the limbs are in open or close position.

124275. United States Atomic Energy Commission. Photometric solution analyser device for the simultaneous determination of a common substance in a multiplicity of discrete sample. Accepted on 27th May 1971.

Comprising a power-driven rotor assembly defining sample analysis chambers, multiplicity of chambers to release liquid to sample analysis chambers, a light source for providing light beam towards rotor assembly, means for detecting light passed through sample analysis chambers, and

- means for receiving output from light detecting means.
124282. Maschinenfabrik Rieter A.G., Double apron drafting device. (1/7th July 1969). Accepted on 28th May 1971.
- Including a cradle pivotably supported by a bottom apron roll and being fixed in working position by a pressure saddle having a leg securing the cradle by means of top apron roll axle.*
124288. Joseph Lucas (Industries) Limited. Combined ignition switch and steering column lock assembly for a road vehicle. (6th December 1968). Accepted on 28th May 1971.
- Steering column lock includes a latch bolt which is urged to an operative position by resilient means which also serves to urge the rotor included in the ignition switch from engine start position to ignition position.*
124290. Joseph Lucas (Industries) Limited. Contact breaker assemblies for use in road vehicle ignition distributors. (6th December 1968). Accepted on 31st May 1971.
- Means for anchoring one end of spring to plate includes an insulating member, the insulating member further including clamping means where in in use conductive terminal can be disengaged from said means without removal of clamping means*
124313. Ciba Limited. Process for the manufacture of crystalline Polyurethane plastic products based on diisocyanates and linear polyesters. Accepted on 2nd June 1971.
- [—characterised in that (a) linear polyesters possessing terminal hydroxyl groups (b) as cross linking agent, a polyhydroxyl compound containing at least 3 hydroxyl groups and (c) diisocyanate are reacted with warming to form a polyadduct.]*
124386. USS Engineers and Consultants, Inc. Flexible starter bar for continuous casting. Accepted on 31st May 1971.
- Characterized by a pair of spaced plates, each plate having transverse rows of lugs and a hinge rod extending through all the interfitting lugs of each set of two corresponding rows.*
124404. Uniroyal, Inc. Improvements in process for the preparation of polyhydric phenol-formaldehyde-tris (2-hydroxyalkyl) isocyanurate resin suitable for use as an aqueous adhesive dip for improving the adhesion of textile fiber to rubber. Accepted on 28th May 1971.
- Characterised in that the formaldehyde is added as an aqueous solution to the polyhydric phenol and the mixture is heated at a temperature of from 90° to 135°C tris (2 hydroxyalkyl) isocyanurate is added to the solution subsequent to the formation of resin followed by heating to a temperature of 60°—160°C.*
124413. R. B. Golobart. Device for inserting and tightening weft yarns in a loom. Accepted on 27th May 1971.
- Comprises a carriage having a flat base, a wheel having a peripheral groove, and two rollers rotatably mounted on the base, said rollers being arranged for rolling contact with a fixed comb.*
124488. Srimathi Ramanujam Lakshmikanthamma. A process for the manufacture of duplicating stencil paper. Accepted on 31st May 1971.
- Wherein the absorbent cotton wool is shredded, rubbed brushed and converted into five fibrous mass of pulp which is their sized with soft soap, and formed into sheets in a paper lifting vat filled with a solvent like acetone, Isopropyl alcohol.*
124570. Imperial Chemical Industries Limited. New reactive dyestuffs of triazine series suitable for use in the colouring of cellulose textile materials. (31st December, 1968). Accepted on 28th May 1971.
- Characterised in reacting together two moles of diamine R_2 MH-A, -NH.R₃ 3 moles of cyanuric chloride 2 moles of D₂-NHR₁; R₁, R₂ & R₃ being hydrogen or alkyl, A₁ is divalent benzene & D₁ is anthraquinone, nitro or azo radical.*
124571. Imperial Chemical Industries Limited. Improvements in or relating to the process for the production of laminar articles from resinous materials. (31st December 1968). Accepted on 28th May 1971.
- Two charges of resinous materials are sequentially injected into a mould so that the second charge penetrates within the first charge completely filling the mould cavity, which is enlarged to allow the second charge to be injected before the first charge has set.*
124578. Hindustan Lever Limited. Dried milk products. (31st December 1968). Accepted on 27th May 1971.
- Comprising dry milk solids, a cold water gelling agent and an enzyme selected from rennin, pepsin and papain to form a set milk product.*
124612. USS Engineers and Consultants, Inc.. Supporting mechanism for multiple closures on bottom-pour vessels. Accepted on 29th May 1971.
- Comprising in combination with spring—pressed means providing support for the outer edges of a pair of gates arranged for movement in parallel paths for the pair of pouring outlets, a row of yokes mounted on the bottom wall of the vessel, and spring means urging said yokes upwardly into sliding support of the confronting inner edges of the gates.*
124712. International Standard Electric Corporation. A code synchronisation system. Accepted on 27th May 1971.
- Comprising a source of predetermined code signal, first means to generate first and second code signal, a single signal channel coupled to said source means to recover predetermined code signal, and a signal control channel to generate a control signal and establish desired synchronization.*
124785. G. K. Malhotra. Steel frame badminton rackets. Accepted on 21st May 1971.
- Comprising a head made of annealed steel tube with predetermined holes provided with plastic plugs, two ends of said head being joined by a T shaped knob and other end is fixed to a stem tube which it turn is fixed to a single piece handle.*
124890. Ciba Limited. New curable mixtures of polyglycidyl compounds, acid polyesters, aliphatic-cycloaliphatic dicarboxylic acids and polycarboxylic acid anhydrides. Accepted on 4th June 1971.
- Contain (1) a cycloaliphatic polyepoxide compound, (2) polycarboxylic acid anhydride and (3) a long chain polyester.*
125028. Fiat Societa Per Azioni. Sealed valve with electromagnetic action. Accepted on 29th May 1971.
- Comprising in combination a conduit through which fluid is adapted to flow; a cavitated transverse protrusion sealed to the conduit a closure member and a ferro-magnetic core connected to the closure member and housed slidably in the cavity of the protrusion.*
125064. Wilkinson Sword Limited. Improvements in and relating to razor blades and method of coating same. Accepted on 2nd June 1971.
- Comprises coating cutting edge of the blade with a copolymer of thiocarbonyl fluoride and tetra fluoroethylene.*

125143. Graviner (Colnbrook) Limited, Improvements in or relating to pressurised fluid containers particularly for fire extinguishers. Accepted on 29th May 1971. (5th February 1969).

Wherein the container having a discharge outlet closed by a frangible diaphragm supported by a member to prevent bursting, a rotary member coupled to said member and means for selective rotation of said rotary member.

125282. Standard Telephones and Cables Limited. Cable joint sealing. (17th April 1969). Accepted on 4th June 1971.

Tapes of material to which thermoplastic material is substantially non bondable are wrapped around the cable sheaths adjacent the joint before the joint is encapsulated with thermoplastic material.

125298. Johnson & Johnson. Method and apparatus for producing a plastic net product. Accepted on 2nd June 1971.

Heating the film to an elevated temperature, embossing the heated film to form openings, simultaneously gripping the embossed film whereby the film remains with the embossing surface, removing the film from the surface while simultaneously drafting the embossed film in the direction of its length.

125302. R. S. Kuznetsov, A. G. Uskach and V. G. Kostikov. Arc-quenching chamber for electrical switching devices. Accepted on 25th May 1971.

In which de-ion grid is composed of metal plates arranged in parallel planes, between which minor arcs circulate.

125345. Imperial Chemical Industries of Australia and Newzealand Ltd. Polythene compositions. (20th February, 1969). Accepted on 27th May 1971.

Comprises a major portion of a conventional low density polythene blended with 5—15% of conventional high density polythene and with 1—5% by weight of isotactic polypropylene.

125346. Imperial Chemical Industries Limited. Polythene compositions. (2nd September, 1969). Accepted on 25th May 1971.

Comprises polythene and from 0.1 to 5% by weight (based on polythene) of a crystalline polymer of 4-methyl-pentene-1.

125420. Mrs. Sunita Gurunath Kamat. Improvements in or relating to writing slates and the like and frames for such slates. Accepted on 28th May 1971.

Characterized in that it is fitted within a frame made provided with a pair of slidably or hingeably mounted rigid or flexible panels on either side of slate member proper.

125702. Institut Kataliza Sibirskogo Otdelenia Akademii Nauk. Method of preparing of vanadium catalyst. Accepted on 3rd June, 1971.

Comprises impregnating a silicagel carrier with solutions of vanadium and potassium compounds, followed by drying and calcining at a temperature of about 500°C, wherein the silica gel used consists of granula bidisperse silica gel having a specific surface area of 150—300 m²/g a porosity of 0.9—1.2 cm³/g and the following pore size distribution; small pore radius, R=60—90 Å; small pore volume, V=0.6—1.0 cm³/g; large pore radius, R=2.000—10.000 Å and large pore volume, V=0.2—0.4 cm³/g.

125722. Neyrpic-BMB. Method of and apparatus for forming a sheet or web of material from solids in suspension. Accepted on 3rd June 1971.

The suspension is deposited on a moving perforate screen which forms at least a part of a wall of a suspension supply chest.

125765. Nippon Koken Kabushiki Kaisha. Method and apparatus for cold drawings metal tubes. Accepted on 29th May 1971.

In which the plug in vibrated by longitudinal vibratory energy transmitted to the plug from a plurality of transducers arranged at the periphery of one or more flanges, the flange being resonated by the transducers.

125774. Zniitmasch. Complex modifier for the production of high-quality cast iron castings and method for its preparation. Accepted on 26th May 1971.

Graphitizing modifier comprising 18-22% graphite with 78 to 82% of a ligature of a chemical composition Cu=9-11%, Al=1.4 to 1.7%, Ca=4 to 5%, and Si=the rest upto 100%.

125797. Danfoss A/S. Refrigerating equipment. Accepted on 28th May 1971.

With means provided by which the drier can be heated by the medium to be cooled.

125854. R. K. Deshpande. An improved screw driver cum spanner with multiple attachments. Accepted on 28th May, 1971.

At the tip of the shank there is an arrangement to hold the tool bit, and there is provided a spring loaded knob in the body of the handle and which knob is so adjusted that it occupies a particular spot in the spiral groove so that the shank is capable of moving in clockwise or anti-clockwise direction or placed in a central position so that the shank does not move in either direction.

125879. V. H. Thaker and M. V. Thaker. An air regulating valve. Accepted on 24th May 1971.

The valve comprising two circular discs, each with an annular cavity housing a circular seal and one disc being fixed coaxially to the rotor having four equal holes.

125884. Boots Pure Drug Company Limited. Improvements in or relating to medical test kit containers. 31st May 1971.

Consisting of base member and a closure member, the base member having a bottom, sidewalls, and a shelf provided with apertures of different sizes.

125901. Consolidated Natural Gas Service Company, Incorporated. Gasification of carbonaceous material. Accepted on 3rd June 1971.

Process for gasifying carbonaceous material which comprises establishing and maintaining a zone of fluidized carbonaceous solids, flowing a stream of reduced iron oxides through said zone, flowing a stream of steam upwardly through said zone, maintaining a temperature of 1000°F pressure of 200 to 2000 psig within said zone and ultimately recovering a methane-containing gaseous product.

125907. Meehanite Metal Corporation. Improved method of melting cast iron. Accepted on 31st May 1971.

Characterized by adding effective amount of silicon carbide during melting.

125927. Shell Internationale Research Maatschappij N. V. A process for epoxidizing olefins with hydroperoxides for producing oxirane compounds. Accepted on 27th May 1971.

Comprised the use of an improved catalyst compositions which is essentially insoluble in the reaction mixture of olefinic compound and hydroperoxide, thus providing a heterogenous system, the said catalyst compositions being an inorganic siliceous solid having a surface of silanol groups.

125928. Shell Internationale Research Maatschappij N. V. A process for epoxidizing olefine with hydroperoxides for producing oxirane compounds. Accepted on 25th May 1971.

Comprises the use of an improved catalyst composition which is essentially insoluble in the reaction mixture of olefin and the hydroperoxide, thus providing a heterogeneous system, the said catalyst composition comprising titanium in chemical combination with an inorganic siliceous solid.

125930. Shell Internationale Research Maatschappij N. V. A process for epoxidizing olefins with hydroperoxides for producing oxirane compounds. Accepted on 27th May 1971.

Comprises use of an improved catalyst compositions which is essentially insoluble in the reaction mixture of olefins and the hydroperoxides, thus providing a heterogeneous system, the said catalyst compositions comprising vanadium in chemical combination with an inorganic siliceous solid.

125953. Nippon Kikan Kabushiki Kaisha. A sea-water corrosion resisting steel for welding structures. Accepted on 3rd June 1971.

Composed of maximum 0.20%, less than 0.60% Si, maximum 1.50% Mn, upto 0.04% P and S, 0.20 to 0.60% Cu, 0.50 to 3.0% Cr, 0.30 to 3.0% Al, 0.20 to 0.50% Ni, balance being iron.

125980. K. B. Bhatia. Automatic rice cooker. Accepted on 3rd June, 1971.

Comprising a steam chamber including a pivoted plate rotatable by means of accumulated steam pressure inside the cooking vessel thereby operating a switch means for disconnecting the electrical circuit leading to an electrical heating means.

126076. International Flavors & Fragrances Inc. Novel flavor compounds and processes for producing the same. Accepted on 27th May 1971.

By reacting a mixture of aliphatic thiosulphates (bunte salts) with an alkali metal sulphide to obtain a mixture of the required aliphatic disulphides and trisulphides, the aliphatic group being at least two different alkyl or alkylene groups of from one to three carbon atoms and the percentage of disulphides in the mixture being from 30 to 80% per cent of the resultant alliaceous flavour mixture.

126099. International Standard Electric Corporation. Data handling system and telecommunication switching system including same. Accepted on 27th May 1971.

Having data collecting arrangement for collecting data from elements and storing it in second temporary memory of control means, and control means processing data stored in second temporary memory together with corresponding data stored in first temporary memory of control means.

126311. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Herbicide consisting of a haloanilides and a oxadiazolidine dione, and process for preparing them. Accepted on 28th May 1971.

Comprises a mixture of an acid anilide where the ring may be substituted and N-is substituted by alkyl or alkynyl and an N-methyl-N'-(halo or polyhalo substituted) phenyl oxadiazolidine dione in a ratio by weight of from 5 : 1 to 1 : 3.

126315. Ascu Hickson Ltd. Improvements in or relating to the process of converting arsenic trioxide into arsenic pentoxide. Accepted on 2nd June 1971.

Comprises oxidizing trioxide by the addition of nitric acid in the presence of a catalyst.

126441. P. Vachani. Improvements in or relating to plants/equipments pulverising and grading/classifying solid materials. Accepted on 27th May 1971.

Comprising a pulveriser chamber, an axial or radial inlet an assembly of hammers mounted on discs by means of pins and grinding equipment.

126448. Mefina S. A. Sewing Machine. Accepted on 24th May 1971.

Comprising in combination a frame formed of a base, a column, a lower free arm having an upper working surface, an upper arm and a head, flaps hinged at least indirectly to said frame to form a case therewith and to be folded down and a retractable shelf.

126509. Inventia A. G. Fur Forschung Und Patentverwertung. Process for freeing 55-85% sulphuric acid from its impurities due to metals and/or semi-metals. Accepted on 24th May 1971.

Characterised in that halides, if necessary, oxidising agents are added to the sulphuric acid, the acid is then treated with an anion exchanger, the anion exchanger is regenerated after exhaustion and, if necessary, the separated impurities are isolated.

127110. Vsesojuzny Nauchno-Issledovatel'sky Institut Legkogo I Textilnogo Mashinostroenia. A rapier device for inserting weft thread into the warp shed. Accepted on 26th May 1971.

Comprises a tube in a casing one end of which tube is connected to an attachment generating therein a pressure flow, the free end of said tube projecting from the casing in the direction of the weft thread movement, and the butt of said tube end being scarfed at an angle.

- 127149 International Standard Electric Corporation. A telecommunication system. (28th July, 1969) Accepted on 28th May 1971.

Comprising a plurality of subscriber stations; transmission line; means for providing time multiplexed communication channels; means for generating alarm signals and means responsive to the alarm signal.

127362. The Dunlop Company Limited. Extrusion head and method for the production thereof. Accepted on 22nd May 1971.

Comprises an extruder core, an extruder core holder to secure the extruder core in the housing and an exit channel, the first limiting surface and second limiting surface of the said channel being formed.

127407. Associated Lead Manufacturers Limited. Flame retardant compositions for application to fabric. (24th July 1969). Accepted on 28th May 1971.

Consisting of a dispersion in water of 5.30% antimony trioxide 5-20% a plasticiser containing an ester of sebacic or citric acid, an emulsifying agent, an emulsion stabilizer, the rest being polyvinylidene chloride or a copolymer or mixture thereof with another resin.

127527. International Standard Electric Corporation. Simulation system. Accepted on 28th May 1971.

At least one test computer with a programme to be controlled is connected to a simulation computer programmed to simulate peripheral units in activity.

127626. Snam Progetti S.p.A. Process for the extraction of aromatic hydrocarbons. Accepted on 28th May 1971.

Contacting feed mixture in counter current with a solvent, purifying extract from first stage by contacting in counter current with purifying agent, extractively distilling purified extract and finally rectifying bottom product of the previous stage.

127715. Albright & Wilson Limited. Manufacture of sodium or potassium tripolyphosphate. (30th July 1969). Accepted on 3rd June 1971.

Comprises admixing a preformed tripolyphosphate having a bulk density of less than 0.9 with a solution of orthophosphates adapted to form tripolyphosphate on dehydration and then heating the mixture to a temperature between 200 and 600°C for a time sufficient to convert the orthophosphate substantially to tripolyphosphate.

127783. Eastman Kodak Company. Optical Brightening compositions, their method of manufacture and photographic materials containing them. Accepted on 29th May 1971.

Comprises a hydrophobic colloid containing a dispersion of an oil-soluble vinylene-brightening agent dissolved in a rigid hydrophobic organic compound having a glass transition temperature of less than 25°C and containing recurring units derived from acrylonitrile, a polymer of at least one alkyl acrylate and a polymer containing $-(CH_2)_x-CO-NH-$ units where x is an integer upto 11.

127948. Rotary Hoes Limited. Rotary cultivator. (26th August 1969). Accepted on 24th May 1971.

Comprises a mobile frame, a rotatable shaft carried on said frame and extending transversely to the travel of the machine, earth working tools for attachment with the shaft, storage means and feed means for feeding the material from the storage means.

128365. Beclawat of India Limited. A tension-adjusting device for a coiled spring.

Comprising in combination with a spring spindle two members of which one is carried by the spindle and the other is fixed, one or more ratchet teeth on one member extending towards the other member in the direction of the spindle axis, and one or more cooperating projections on the other member.

128373. Societe Fives Lille-Cail, and Societe Des Appareils Dragon. Improvements in rotors of impact crushers. Accepted on 2nd June 1971.

Comprising a plurality of beaters constituted by bars, each beater is fixed to the rotor on the one hand by means of a prismatic wedge and on the other hand by means of plurality of bolts.

128536. The Dunlop Company Limited. Conveyors. (8th October 1969). Accepted on 26th May 1971.

Including guide means acting on one of the surfaces of the conveyor belt and positioned at the arcuate portion of the belt to maintain it in the path.

128772. S. Kuppusamy. Improvements in or relating to sun-shade and the like. Accepted on 28th May 1971.

Comprising a rotatable shaft, a flexible sheet one end of which is attached to shaft, at least two foldable members whose two corresponding extremities are rigidly supported so that the members are incline downwards, two other extremities of the members being attached to the other end of flexible sheet and means to rotate the shaft.

Opposition Proceedings

(1)

An opposition has been entered by Imperial Chemical Industries Ltd. to the grant of a patent on application No. 111733, made by Catalysts and Chemicals Inc.

(2)

An opposition has been entered by The Natural Gas Co. Private Ltd. to the grant of a patent on application No. 112261, made by Madhav Damodar Bhate.

(3)

An opposition has been entered by Kulko Engineering Works Limited to the grant of a patent on application No. 112550, made by Shankarrao Daji Kulkarni.

(4)

An opposition has been entered by Belpahar Refractories Limited to the grant of a patent on application No. 118613 made by Burn & Company Limited.

(5)

An opposition has been entered by Belpahar Refractories Limited to the grant of a patent on application No. 118734 made by Burn & Company Limited.

Patents Sealed

79687, 117394, 117453, 118119, 119077, 119122, 119672, 119708, 119924, 120005, 120086, 120091, 120101, 120113, 120116, 120124, 120151, 120172, 120219, 120245, 120360, 120721, 120872, 120950, 120962, 120963, 120978, 121387, 121389, 121441, 121442, 121461, 121480, 121528, 121634, 121657, 121701, 121863, 121940, 121993, 122016, 122017, 122022, 122060, 122071, 122072, 122102, 122107, 122153, 122319, 122337, 122359, 122438, 122517, 122698, 122861, 123028, 123127, 123215, 123354, 123491, 123852, 123892, 123899, 124144, 124238, 124278, 124346, 124708, 124731, 125128, 125272, 125398, 125602.

Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Norton Company, a corporation organized under the laws of the State of Massachusetts, United States of America, of 1 New Bond Street, Worcester 6, State of Massachusetts, United States of America, seek leave to amend the claims in the specification of patent No. 115225. (Title—Resin impregnated abrasive products and manufacture thereof). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patents Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Renewal Fees Paid

57231, 57508, 57510, 57513, 57537, 57580, 57613, 57697, 57698, 57764, 60249, 60686, 60687, 60700, 60709, 60729, 60856, 60947, 60956, 61452, 63953, 64247, 64267, 65230, 65231, 67000, 67721, 67807, 67913, 67970, 68205, 68226, 68255, 68333, 68347, 68465, 68483, 68552, 68769, 69260, 70510, 71557, 71904, 71955, 72028, 72040, 72076, 72103, 72165, 72341, 72344, 72384, 72409, 72567, 72745, 73067, 73343, 76972, 76989, 77017, 77035, 77036, 77043, 77083, 77128, 77141, 77227, 77250, 77302, 77333, 77348, 77351, 77352, 77379, 77408, 77499, 77673, 78230, 79326, 81815, 82555, 82574, 82575, 82577, 82603, 82613, 82625, 82643, 82659, 82693, 82776, 82777, 82817, 82822, 82848, 82937, 82950, 82977, 82980, 82981, 83012, 83029, 83030, 83035, 83036, 83104, 83165, 83279, 83350, 83362, 83365, 83376, 83545, 83619, 83686, 83695, 83733, 83777, 83850, 83851, 84127, 87191, 87388, 88158, 88162, 88235, 88236, 88237, 88243, 88245, 88251, 88289, 88290, 88291, 88320, 88404, 88407, 88414, 88436, 88438, 88439, 88448, 88457, 88459, 88473, 88478, 88479, 88555, 88557, 88585, 88601, 88602, 88638, 88639, 88640, 88685, 88733, 88820, 88867, 88882, 89032, 89167, 89237, 89303, 89465, 89557, 90007, 91134, 92348, 93346, 93810, 93854, 93856, 93917, 94039, 94048, 94080, 94087, 94232, 94245, 94246, 94279, 94280, 94314, 94322, 94325, 94380, 94381, 94382, 94474, 94503, 94519, 94523, 94574, 94575, 94576, 94688, 94698, 94805, 94817, 94850, 94851, 95259, 95361, 95744, 95745, 96572, 97410, 98495, 98809, 99496, 99579, 99748, 99776, 99855, 99857, 99879, 99891, 99905, 99912, 99914, 99918, 99926, 99927, 99942, 99954, 99967, 99969, 99982, 100002, 100030, 100033, 100073, 100078, 100136, 100156, 100203, 100337, 100391.

100417.	100710.	100718.	100719.	100788.	100810.	100827.	112227.	112333.	112579.	113029.	113087.	113186.	113511.
100935.	100988.	101057.	101245.	101376.	101456.	101597.	113983.	114784.	115234.	115958.	116021.	116032.	116159.
101613.	103862.	104665.	104666.	105273.	105274.	105302.	116175.	116184.	116189.	116204.	116259.	116337.	116290.
105392.	105398.	105415.	105470.	105474.	105500.	105525.	116369.	116411.	116412.	116472.	116481.	116545.	116658.
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105589.	105590.	105654.	105657.	105688.	105689.	105690.							
105691.	105783.	105830.	105848.	105849.	105885.	105899.							
105982.	106085.	106131.	106164.	106174.	106246.	106273.							
106330.	106365.	106403.	106501.	106522.	106555.	106671.							
106712.	106741.	106815.	106842.	106880.	107024.	107191.							
107329.	107506.	107588.	108062.	109324.	109610.	109851.							
110499.	110537.	110643.	110772.	110849.	110871.	110872.							
110886.	110921.	110922.	110955.	110956.	110962.	110965.							
110979.	111014.	111017.	111045.	111052.	111120.	111126.							
111129.	111146.	111162.	111205.	111250.	111284.	111319.							
111402.	111417.	111448.	111513.	111543.	111581.	111648.							
111675.	111727.	111850.	111869.	112010.	112104.	112151.							

Restoration Proceedings

An order has been made on the 14th May 1971, restoring the patent No. 99664, dated as of the 22nd May 1965, granted to Robert Bosch GmbH for "improvements in methods of manufacturing sparking plugs".

S. VEDA RAMAN,

Controller General of Patents,

Designs and Trade Marks.